

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018036.D
 Acq On : 24 Apr 2024 15:04
 Operator : SY/MD
 Sample : P2245-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 25 01:35:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

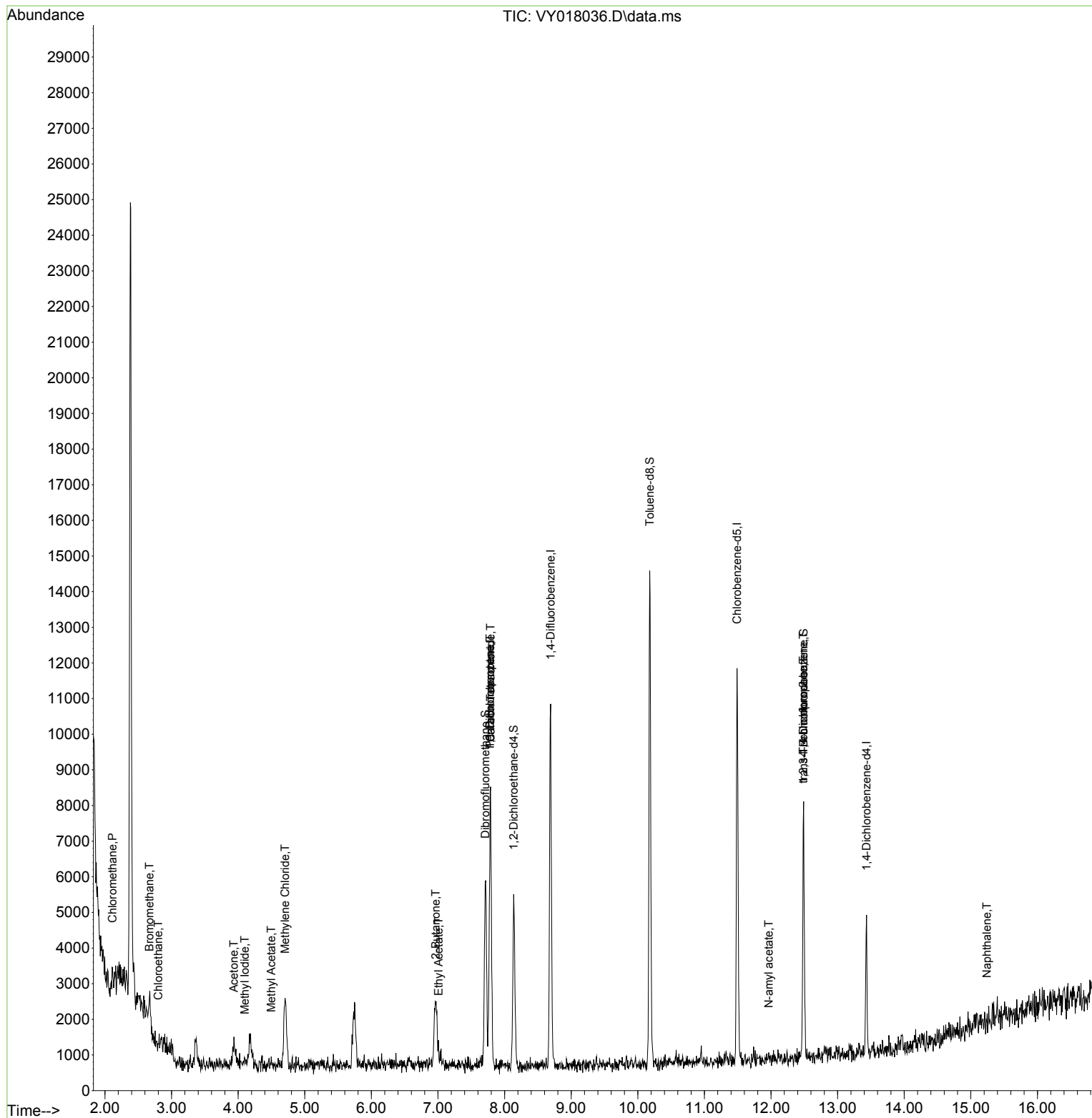
Internal Standards						
1) Pentafluorobenzene	7.783	168	7699	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	10081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3629	54.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.940%	
35) Dibromofluoromethane	7.710	113	4161	66.904	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.800%	
50) Toluene-d8	10.179	98	10911	46.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.460%	
62) 4-Bromofluorobenzene	12.489	95	1901	26.010	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 52.020%	
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	157	1.551	ug/l	# 43
5) Bromomethane	2.668	94	315	4.149	ug/l	# 76
6) Chloroethane	2.802	64	160	2.222	ug/l	# 42
10) Methyl Iodide	4.100	142	314	2.948	ug/l	# 42
16) Acetone	3.936	43	925	70.266	ug/l	87
18) Methyl Acetate	4.497	43	55	1.588	ug/l	# 46
20) Methylene Chloride	4.704	84	1552	17.402	ug/l	# 88
25) 2-Butanone	6.966	43	91	4.703	ug/l	# 41
36) 1,1-Dichloropropene	7.783	75	451	4.986	ug/l	# 40
37) Ethyl Acetate	7.008	43	56	1.505	ug/l	# 67
38) Carbon Tetrachloride	7.789	117	625	6.840	ug/l	# 13
74) N-amyl acetate	11.965	43	24	1.273	ug/l	# 37
76) 1,2,3-Trichloropropane	12.483	75	788	65.502	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	788	135.054	ug/l	# 16
95) Naphthalene	15.239	128	85	2.289	ug/l	# 69

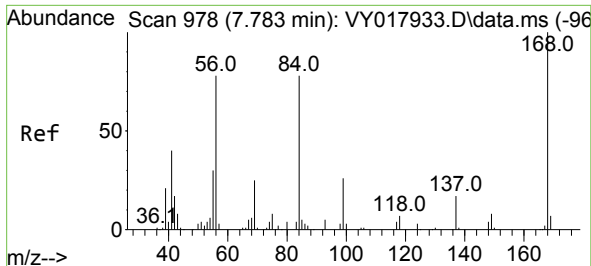
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
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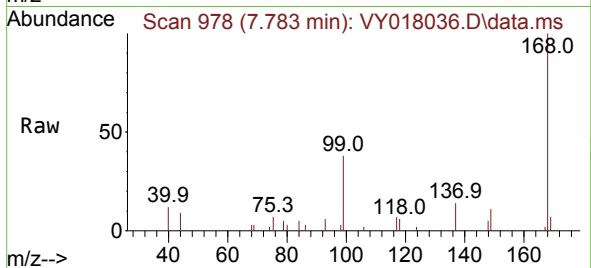
Quant Time: Apr 25 01:35:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
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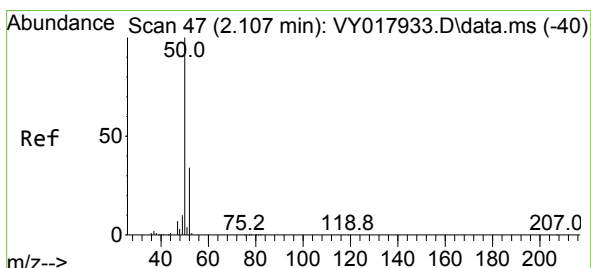
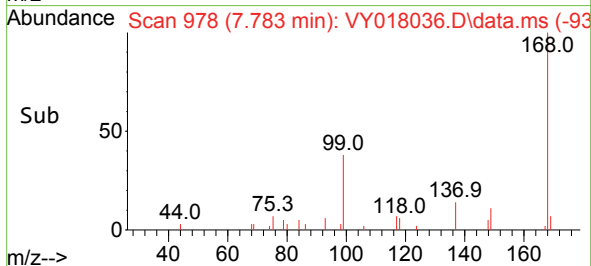
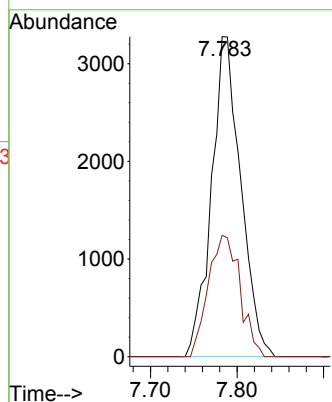


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

Instrument :
MSVOA_Y
ClientSampleId :

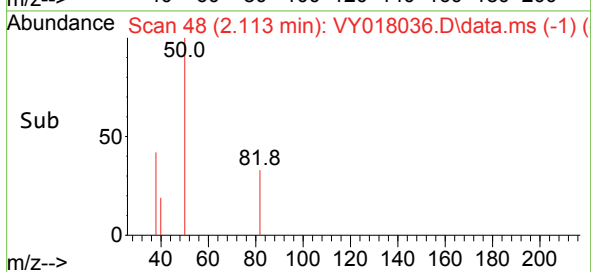
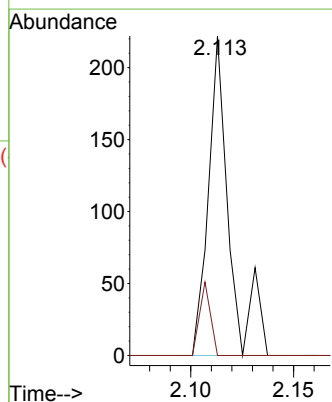
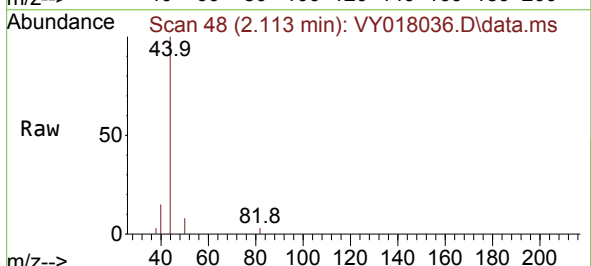


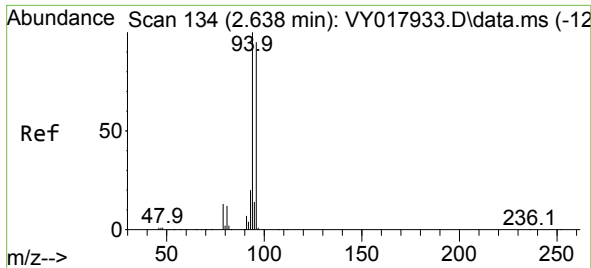
Tgt Ion:168 Resp: 7699
Ion Ratio Lower Upper
168 100
99 38.0 39.1 58.7#



#3
Chloromethane
Concen: 1.551 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

Tgt Ion: 50 Resp: 157
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

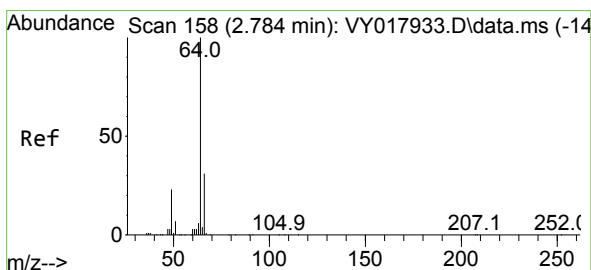
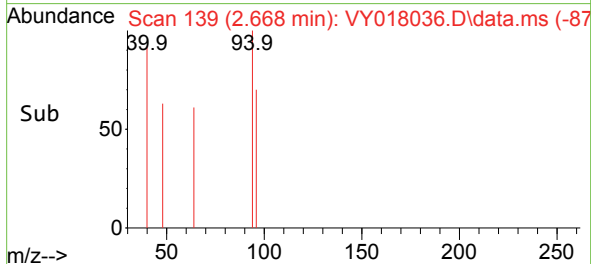
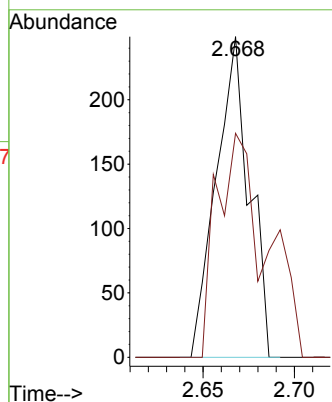
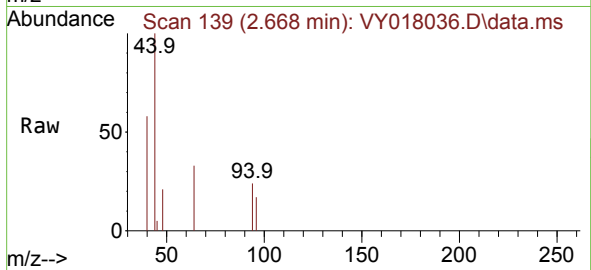




#5
Bromomethane
Concen: 4.149 ug/l
RT: 2.668 min Scan# 111
Delta R.T. 0.018 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

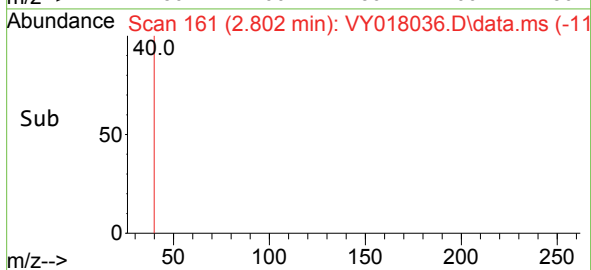
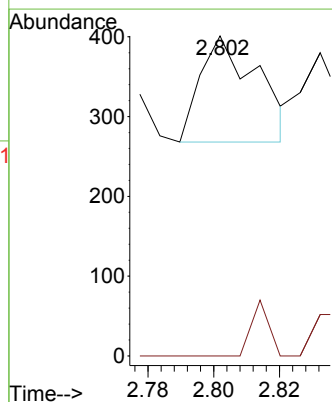
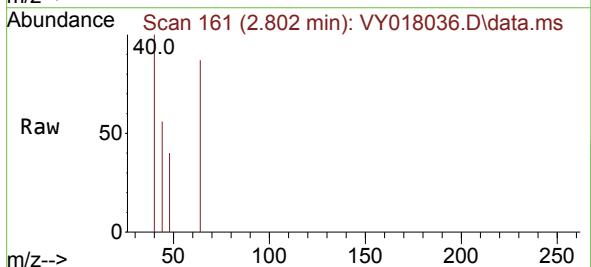
Instrument :
MSVOA_Y
ClientSampleId :

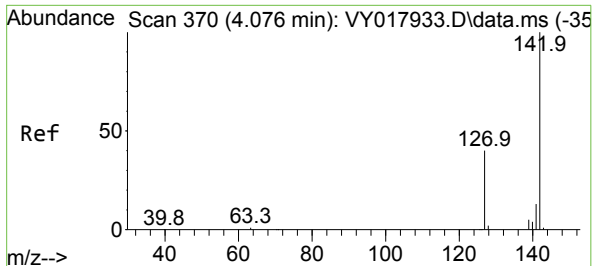
Tgt Ion: 94 Resp: 315
Ion Ratio Lower Upper
94 100
96 69.9 74.1 111.1#



#6
Chloroethane
Concen: 2.222 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

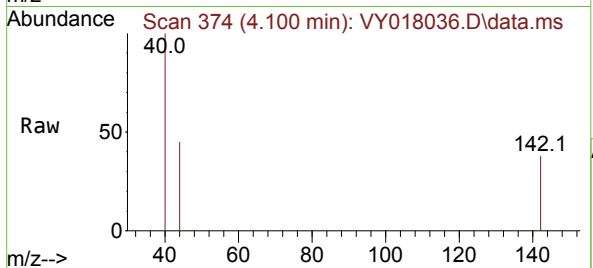
Tgt Ion: 64 Resp: 160
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



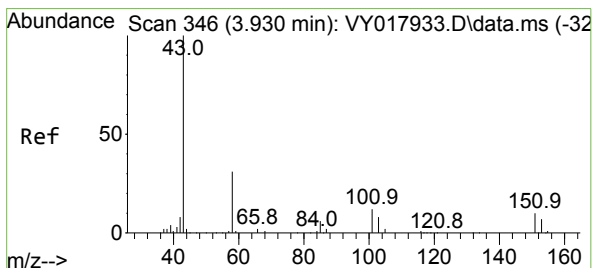
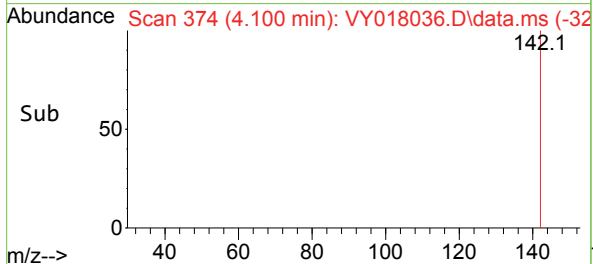
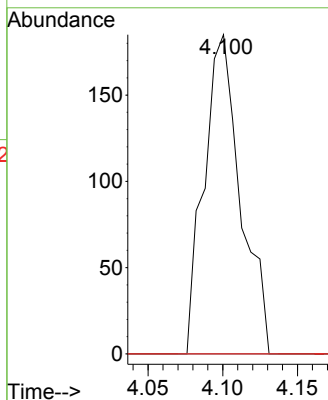


#10
Methyl Iodide
Concen: 2.948 ug/l
RT: 4.100 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

Instrument :
MSVOA_Y
ClientSampleId :

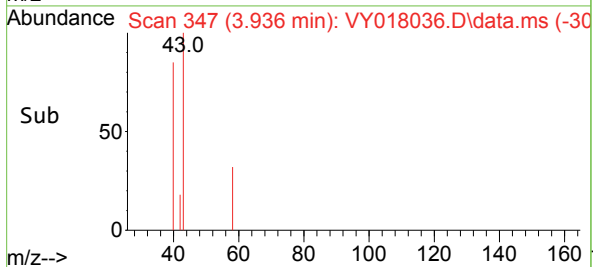
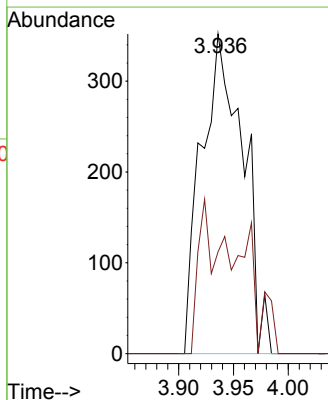
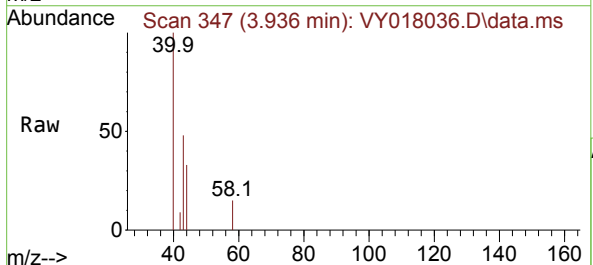


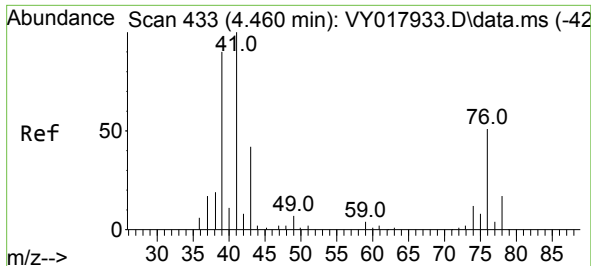
Tgt Ion:142 Resp: 314
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 70.266 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
58 31.8 31.7 47.5

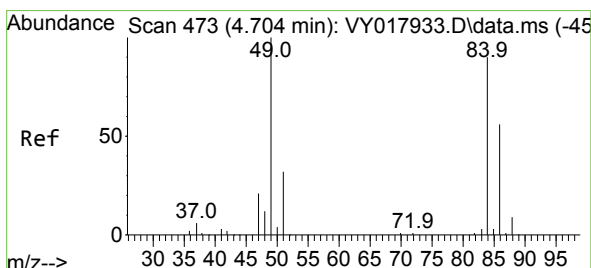
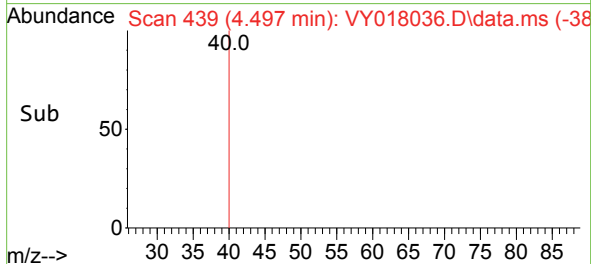
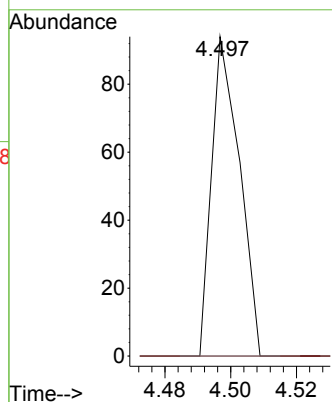
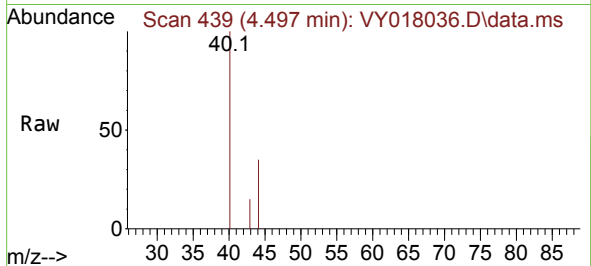




#18
Methyl Acetate
Concen: 1.588 ug/l
RT: 4.497 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

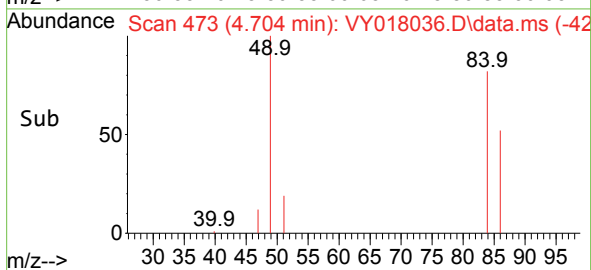
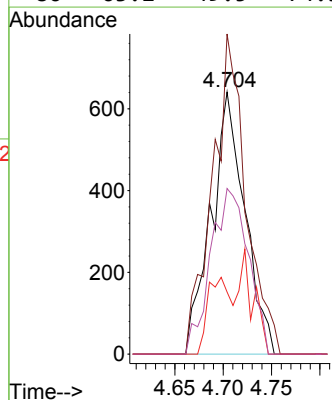
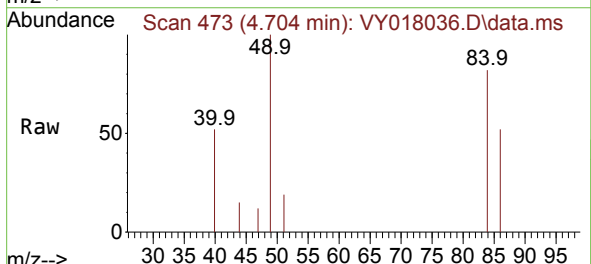
Instrument :
MSVOA_Y
ClientSampleId :

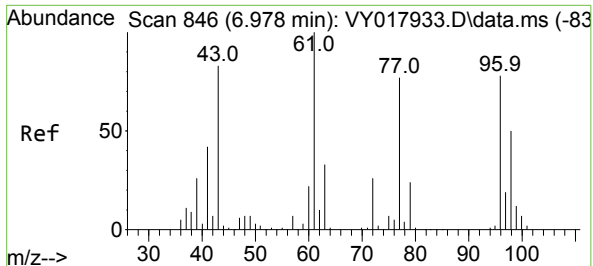
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 17.402 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

Tgt Ion: 84 Resp: 1552
Ion Ratio Lower Upper
84 100
49 122.2 84.4 126.6
51 23.7 26.0 39.0#
86 63.2 49.5 74.3





#25

2-Butanone

Concen: 4.703 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY018036.D

Acq: 24 Apr 2024 15:04

Instrument :

MSVOA_Y

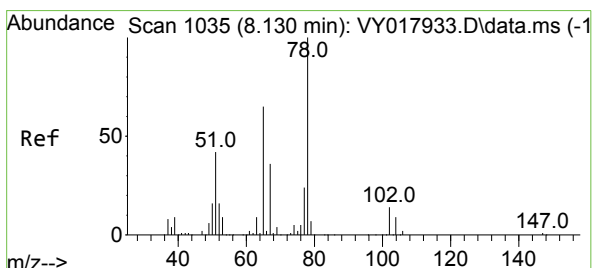
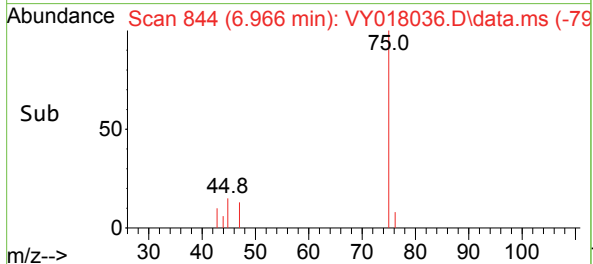
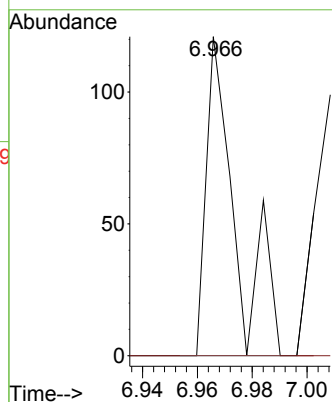
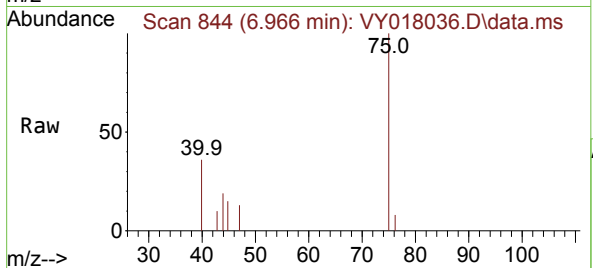
ClientSampleId :

Tgt Ion: 43 Resp: 91

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 54.469 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018036.D

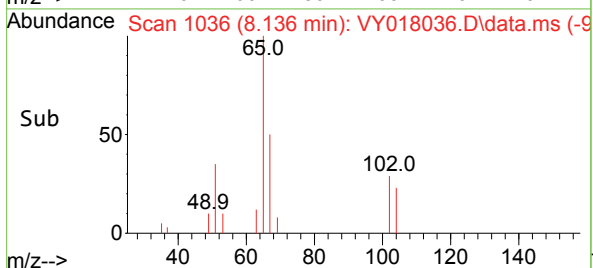
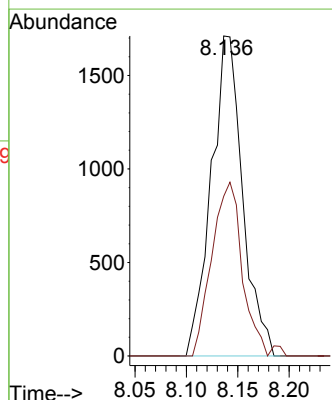
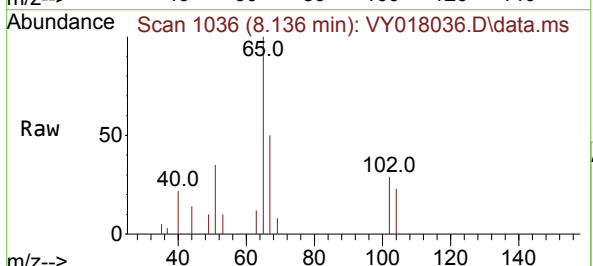
Acq: 24 Apr 2024 15:04

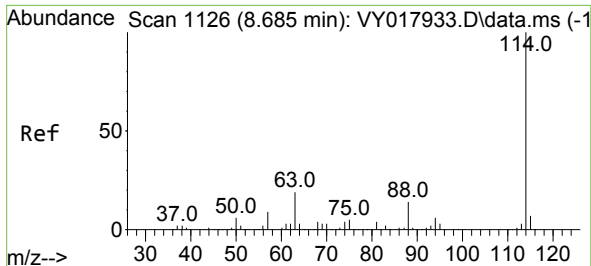
Tgt Ion: 65 Resp: 3629

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018036.D

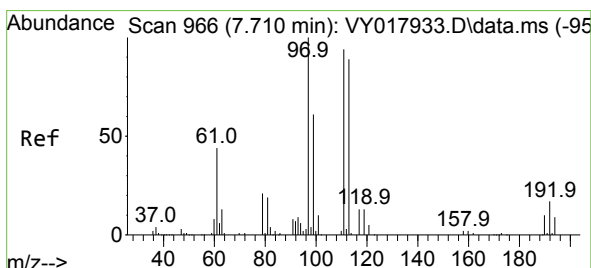
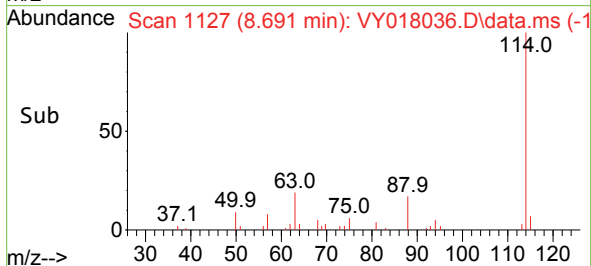
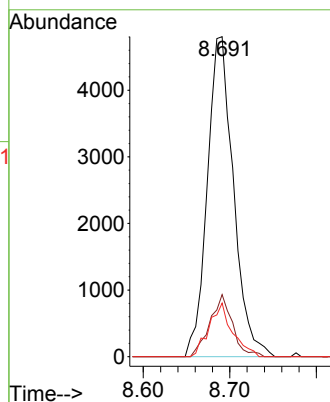
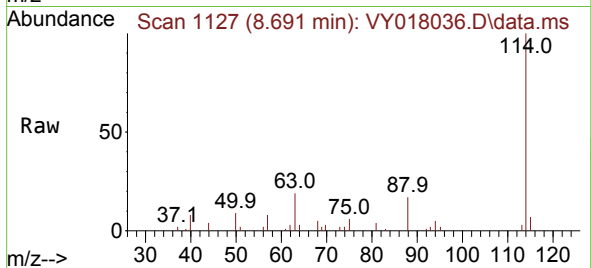
Acq: 24 Apr 2024 15:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	10081
Ion Ratio	Lower	Upper
114	100	
63	19.4	0.0 35.0
88	16.7	0.0 27.2



#35

Dibromofluoromethane

Concen: 66.904 ug/l

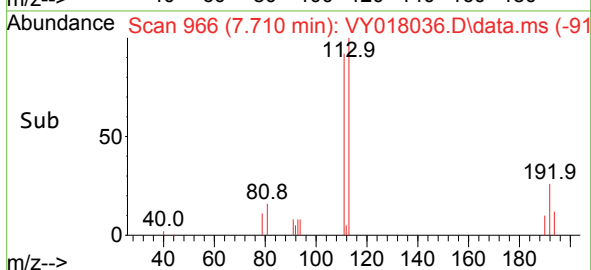
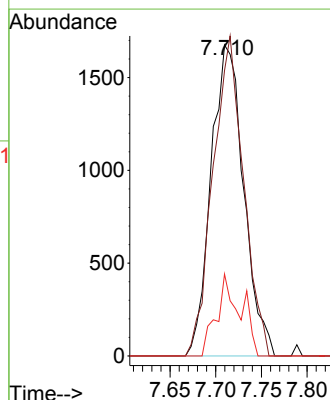
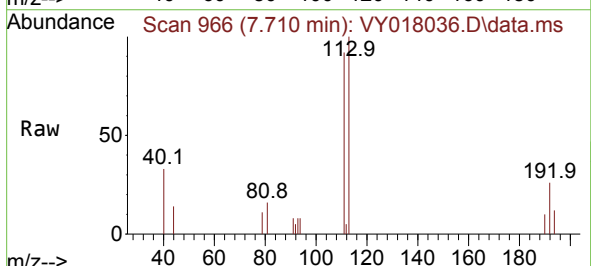
RT: 7.710 min Scan# 966

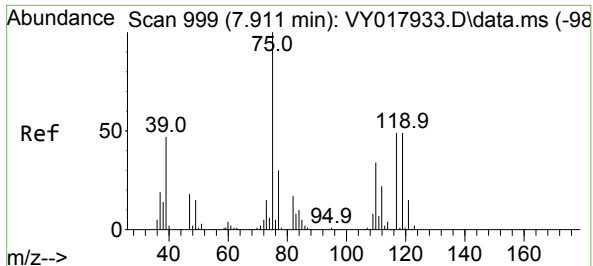
Delta R.T. -0.012 min

Lab File: VY018036.D

Acq: 24 Apr 2024 15:04

Tgt Ion:113	Resp:	4161
Ion Ratio	Lower	Upper
113	100	
111	96.4	82.2 123.4
192	19.3	15.9 23.9

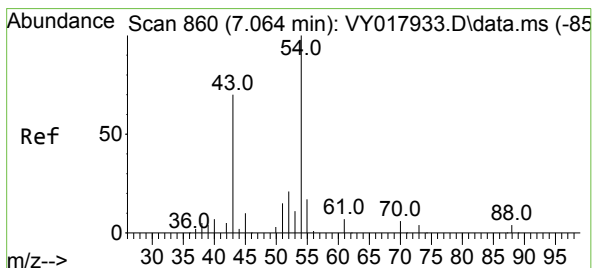
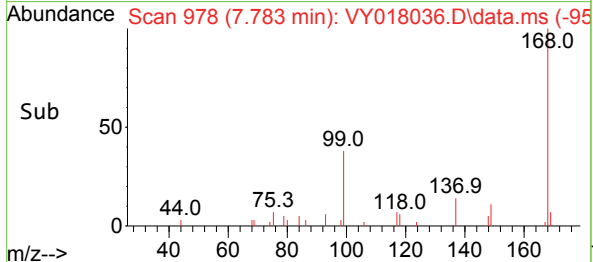
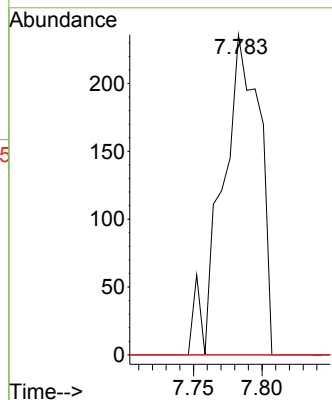
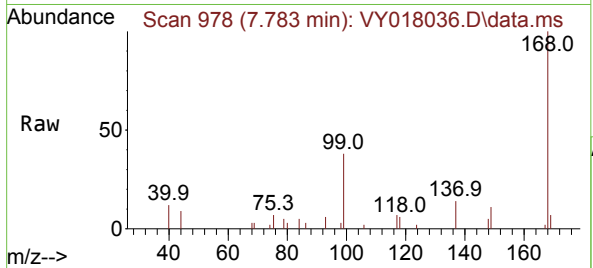




#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

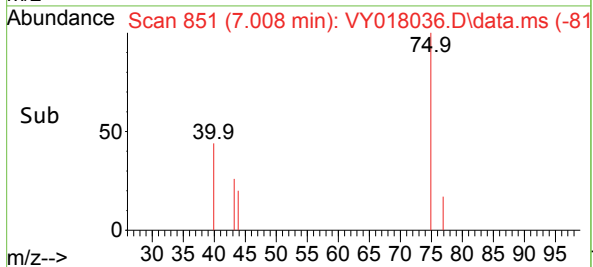
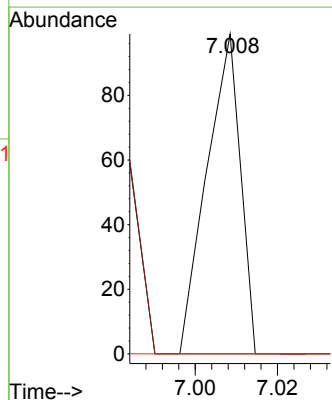
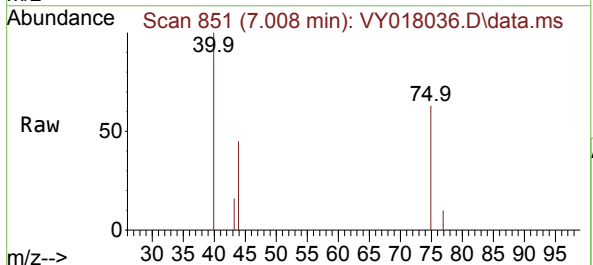
Instrument :
MSVOA_Y
ClientSampleId :

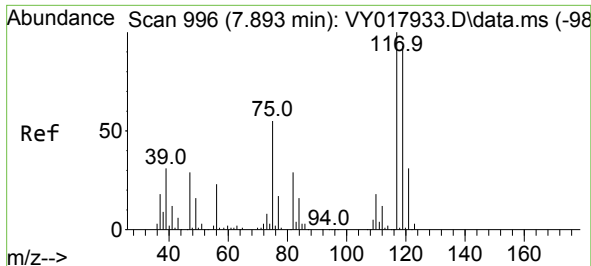
Tgt Ion: 75 Resp: 451
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 1.505 ug/l
RT: 7.008 min Scan# 851
Delta R.T. -0.067 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

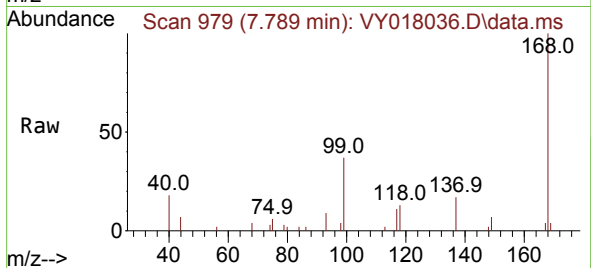
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 7.8 11.8#



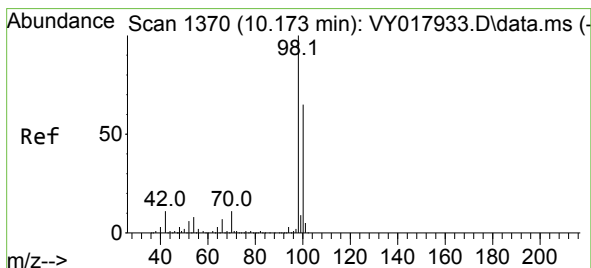
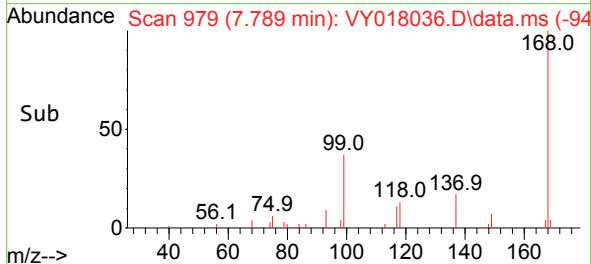
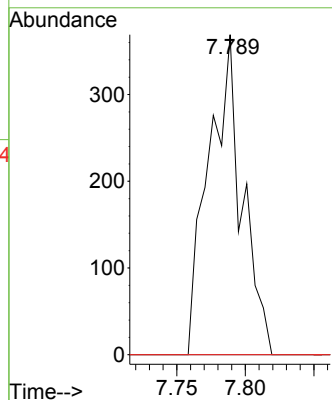


#38
Carbon Tetrachloride
Concen: 6.840 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

Instrument :
MSVOA_Y
ClientSampleId :

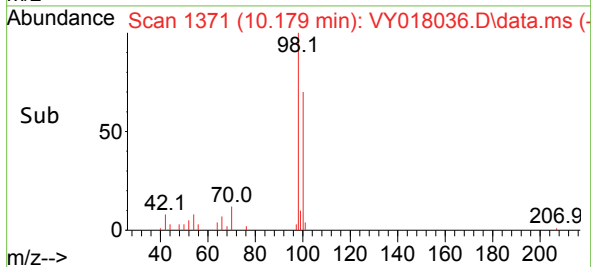
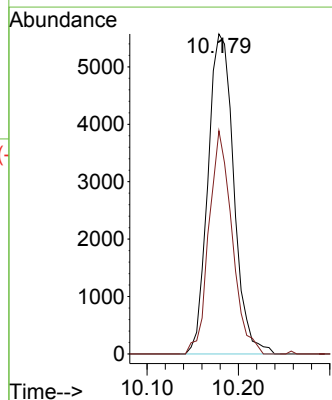
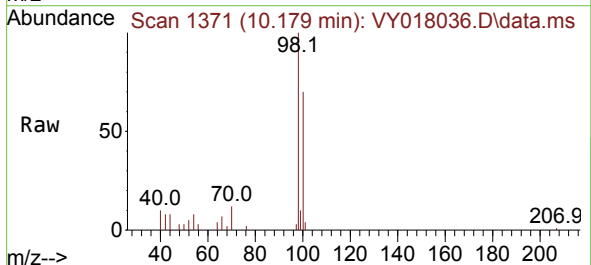


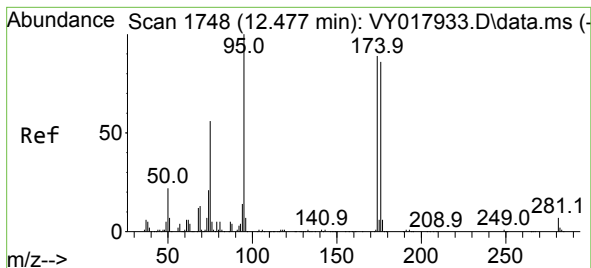
Tgt Ion:117 Resp: 625
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.234 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

Tgt Ion: 98 Resp: 10911
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0

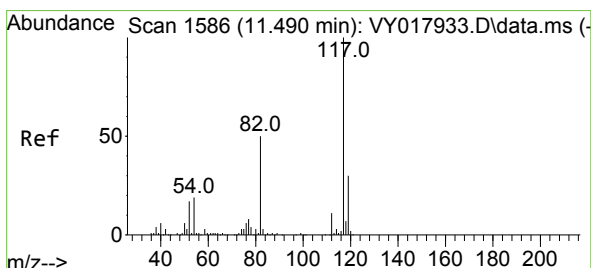
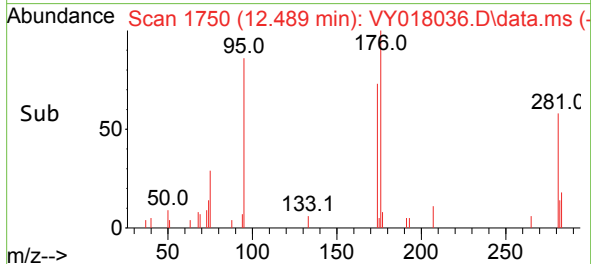
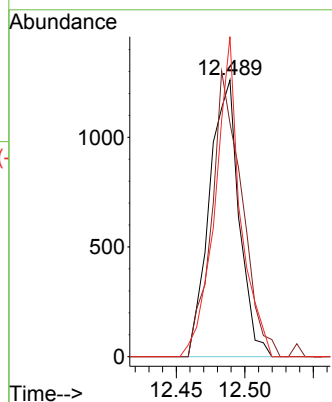
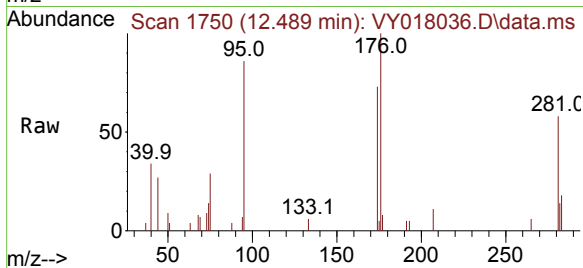




#62
4-Bromofluorobenzene
Concen: 26.010 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

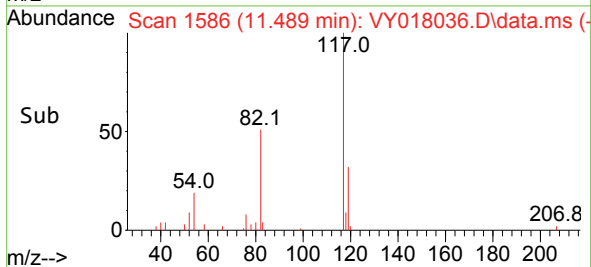
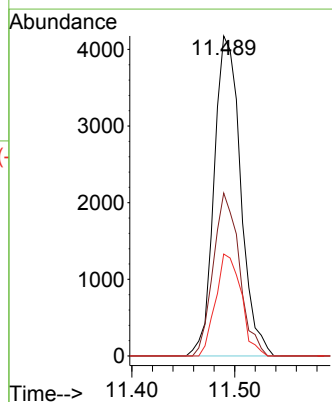
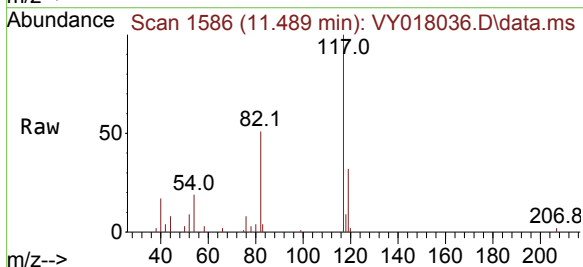
Instrument :
MSVOA_Y
ClientSampleId :

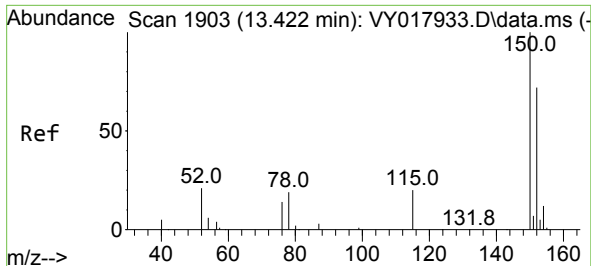
Tgt Ion: 95 Resp: 1901
Ion Ratio Lower Upper
95 100
174 104.9 0.0 175.6
176 98.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

Tgt Ion: 117 Resp: 7468
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 31.8 25.9 38.9

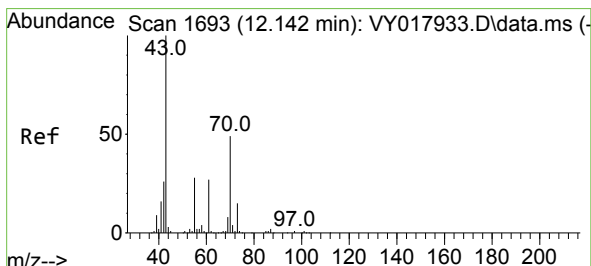
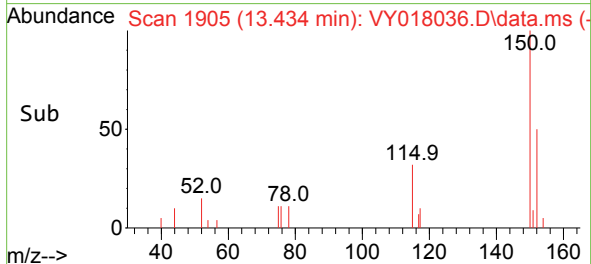
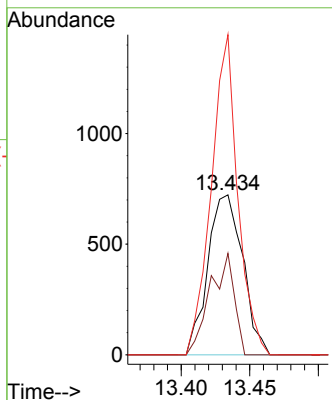
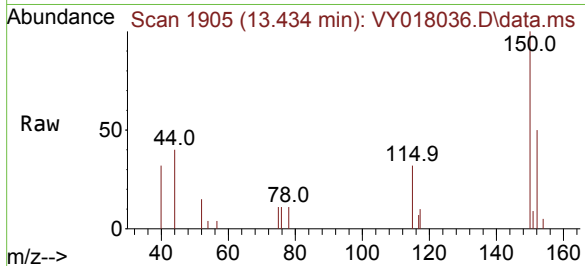




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY018036.D
 Acq: 24 Apr 2024 15:04

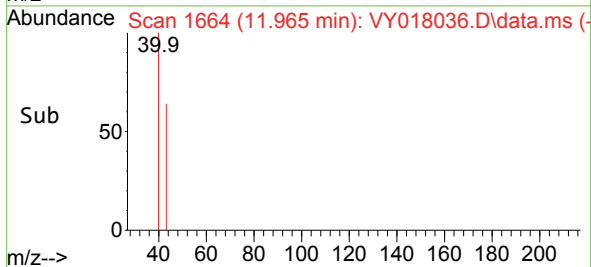
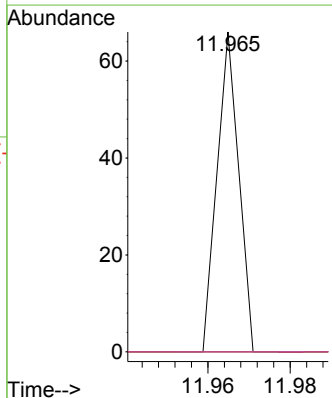
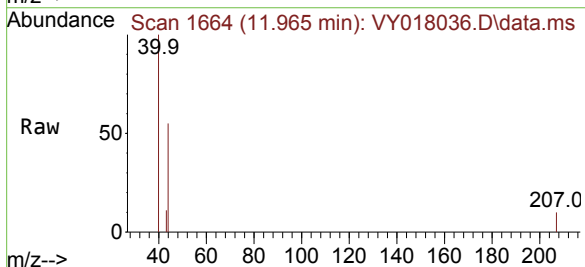
Instrument :
 MSVOA_Y
 ClientSampleId :

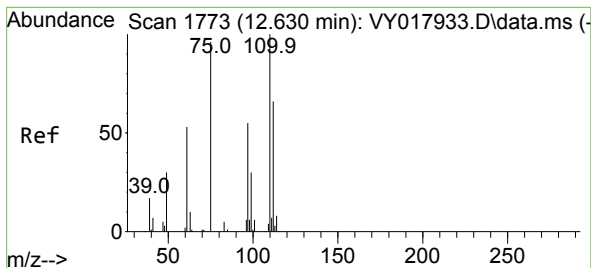
Tgt Ion:152 Resp: 1282
 Ion Ratio Lower Upper
 152 100
 115 44.0 28.2 84.7
 150 152.3 0.0 345.6



#74
 N-ethyl acetate
 Concen: 1.273 ug/l
 RT: 11.965 min Scan# 1664
 Delta R.T. -0.177 min
 Lab File: VY018036.D
 Acq: 24 Apr 2024 15:04

Tgt Ion: 43 Resp: 24
 Ion Ratio Lower Upper
 43 100
 70 0.0 41.4 62.2#
 55 0.0 23.3 34.9#
 61 0.0 22.6 33.8#





#76

1,2,3-Trichloropropane

Concen: 65.502 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018036.D

Acq: 24 Apr 2024 15:04

Instrument :

MSVOA_Y

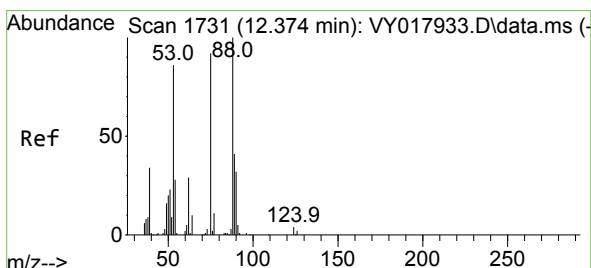
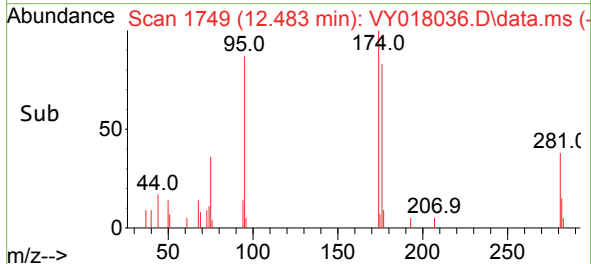
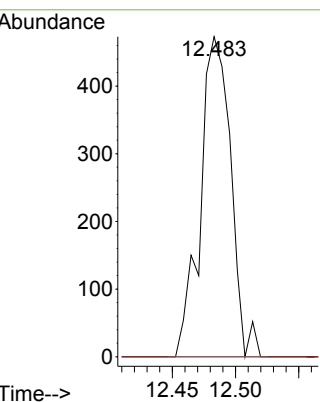
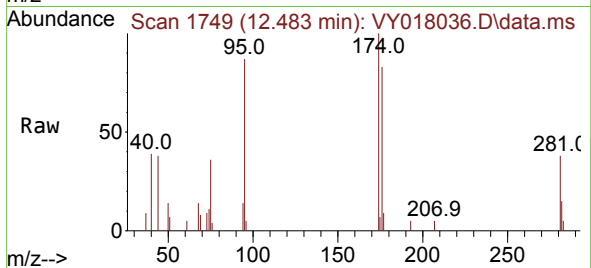
ClientSampleId :

Tgt Ion: 75 Resp: 788

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 135.054 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018036.D

Acq: 24 Apr 2024 15:04

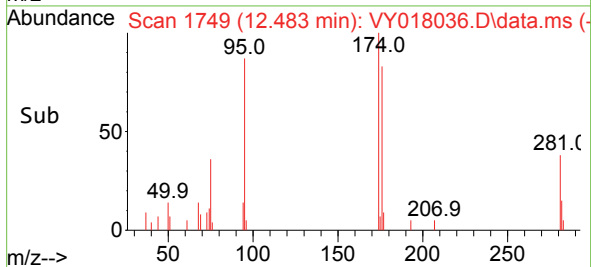
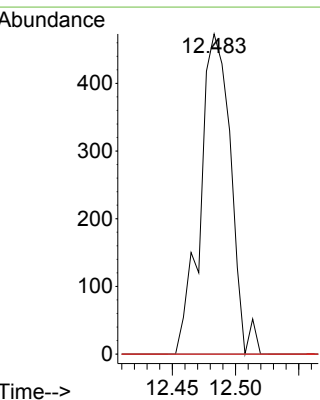
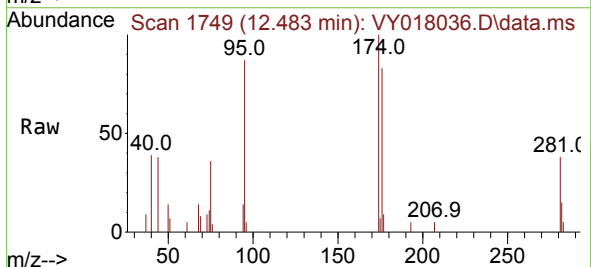
Tgt Ion: 75 Resp: 788

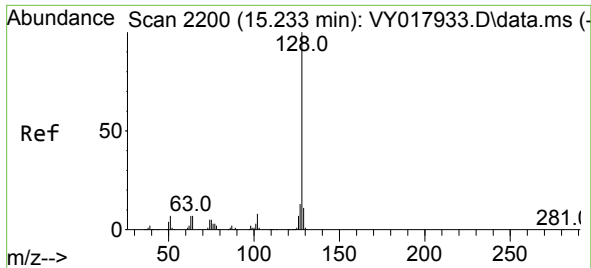
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

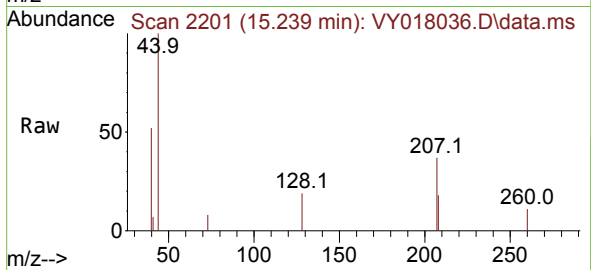
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 2.289 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 85
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

